

FIG. 1

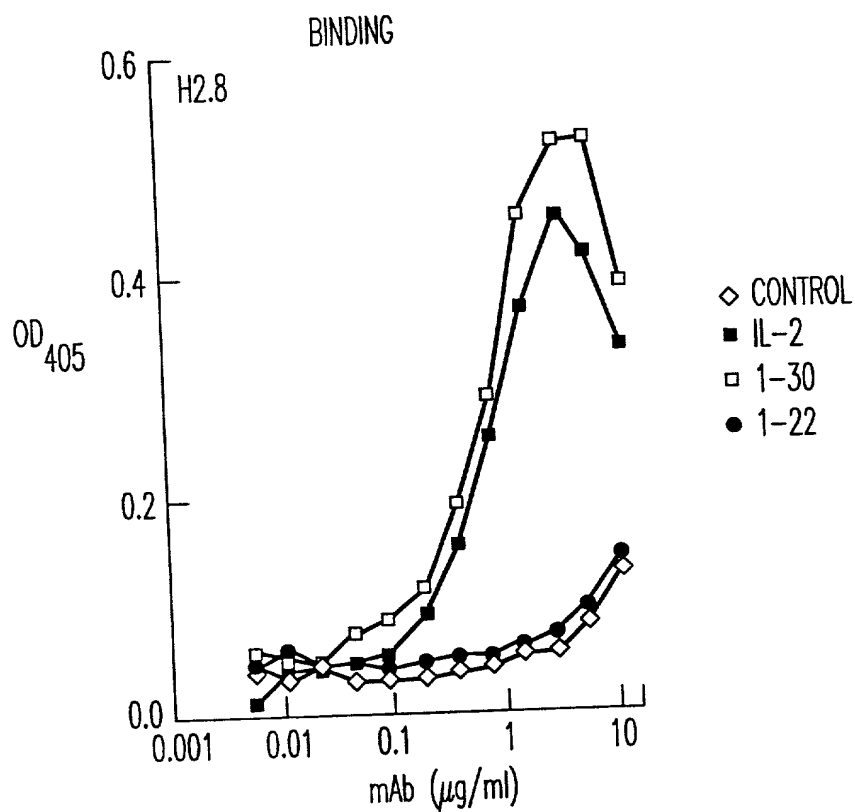


FIG. 2A

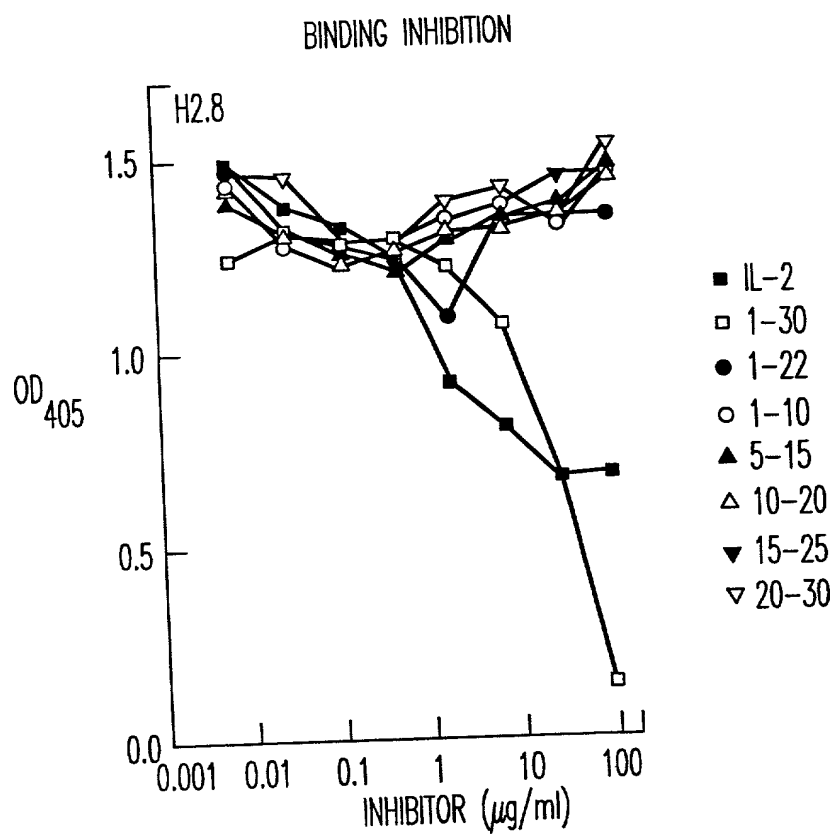


FIG. 2B

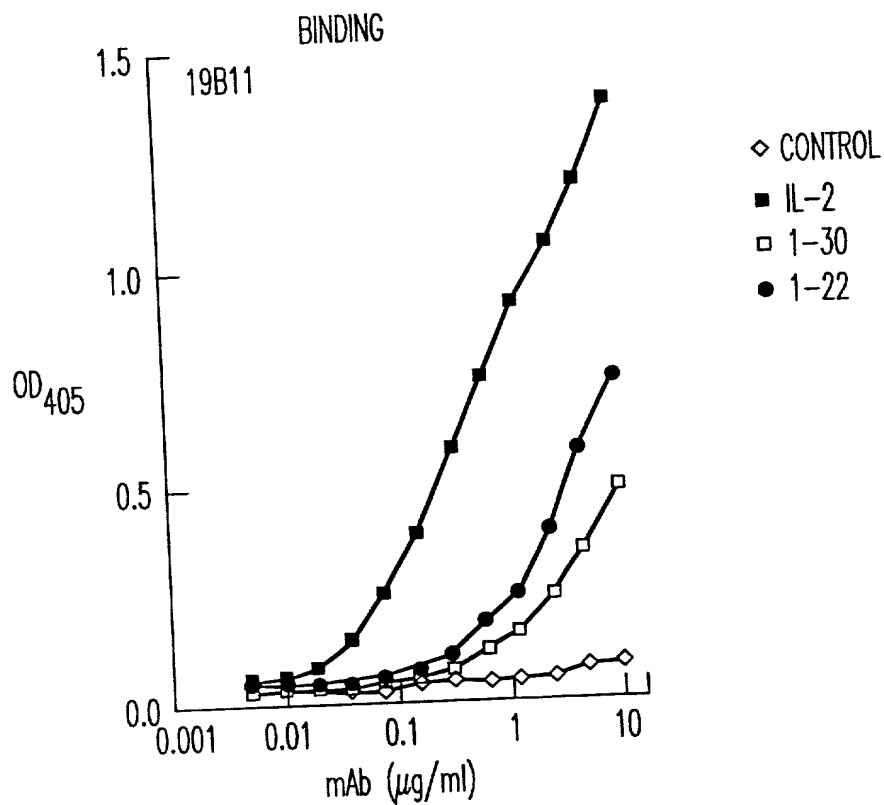


FIG. 2C

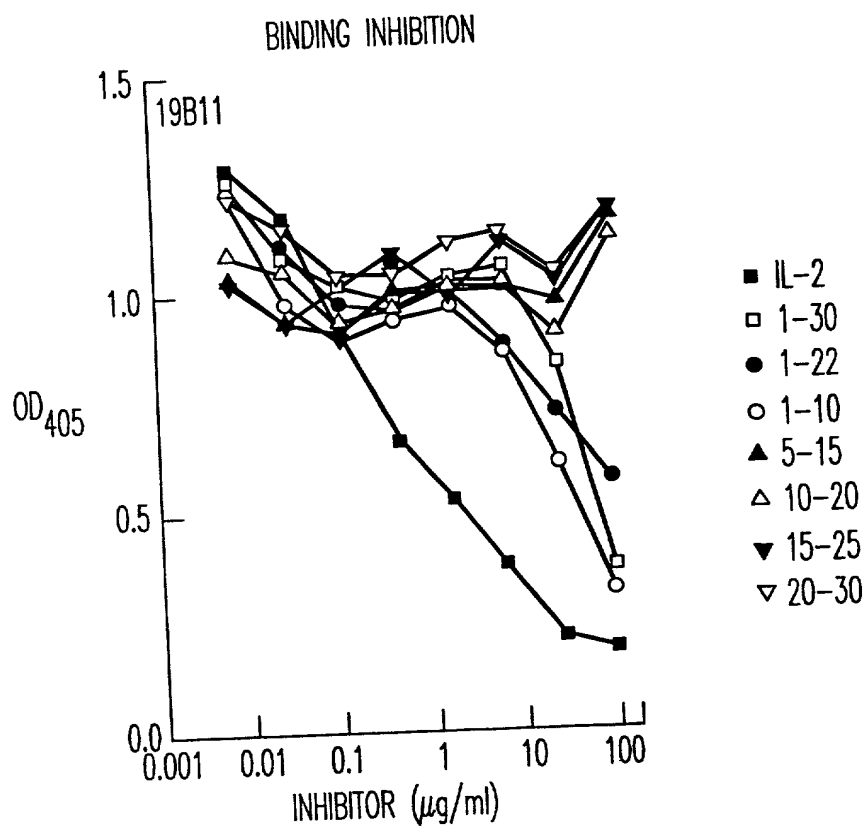


FIG. 2D

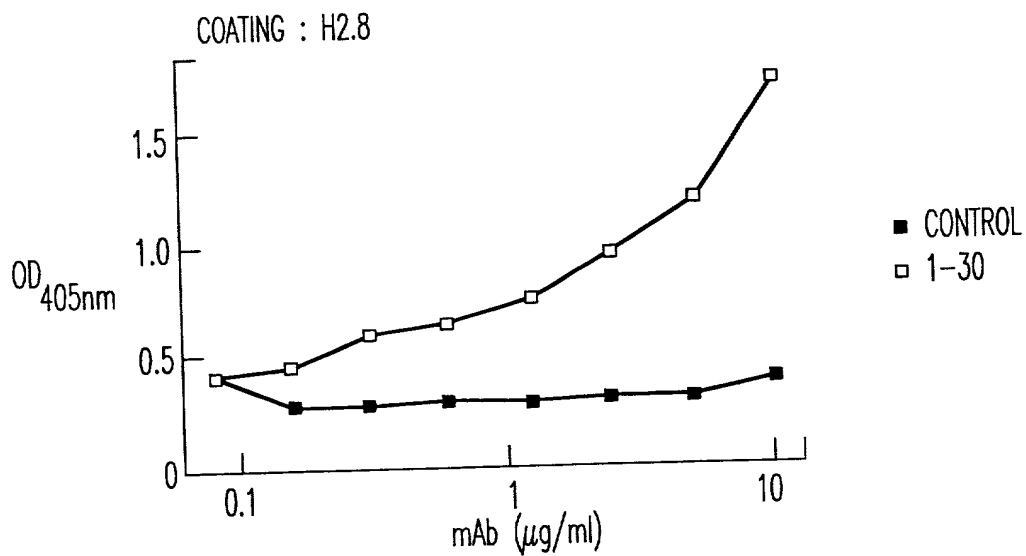


FIG. 3A

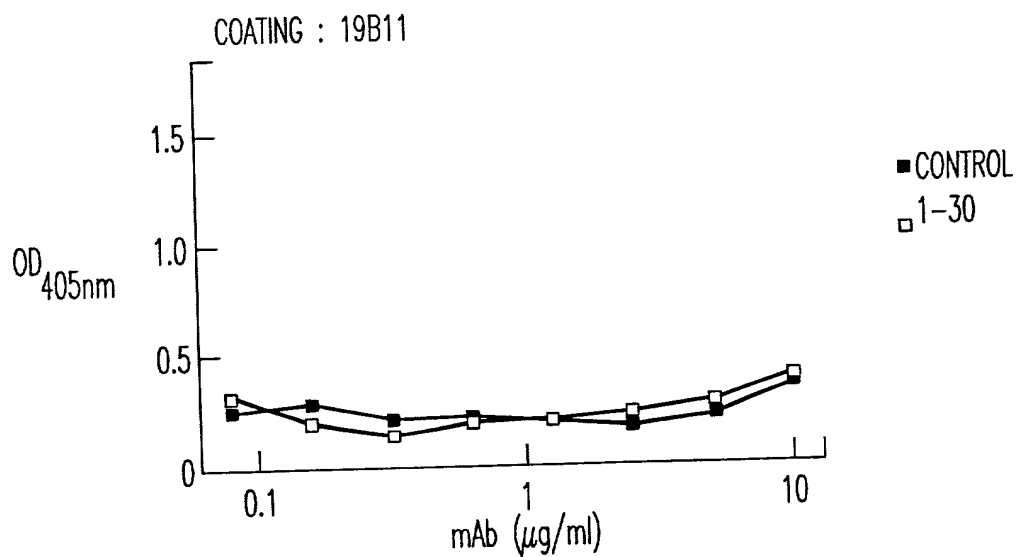


FIG. 3B

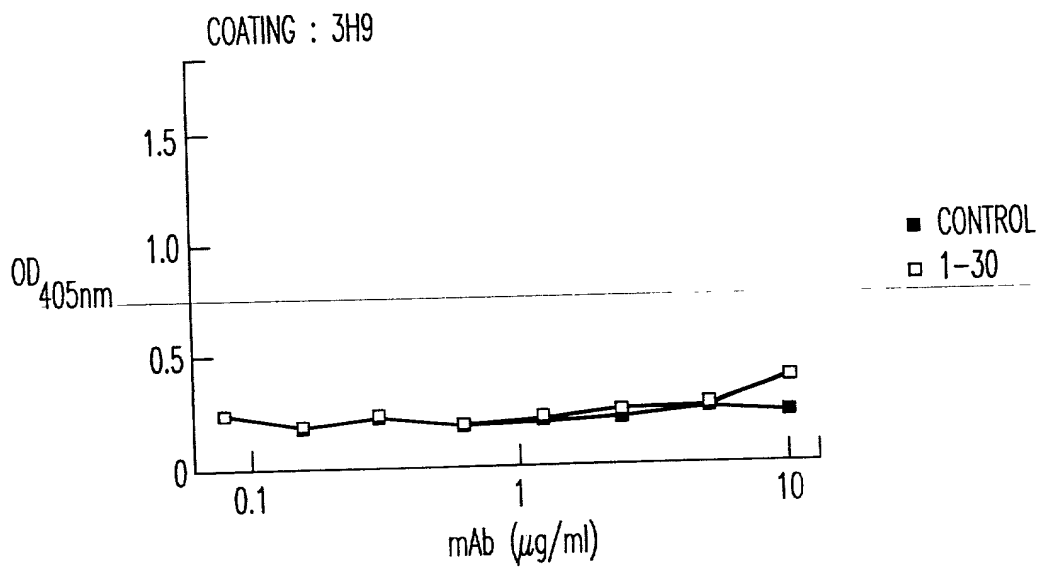


FIG. 3C

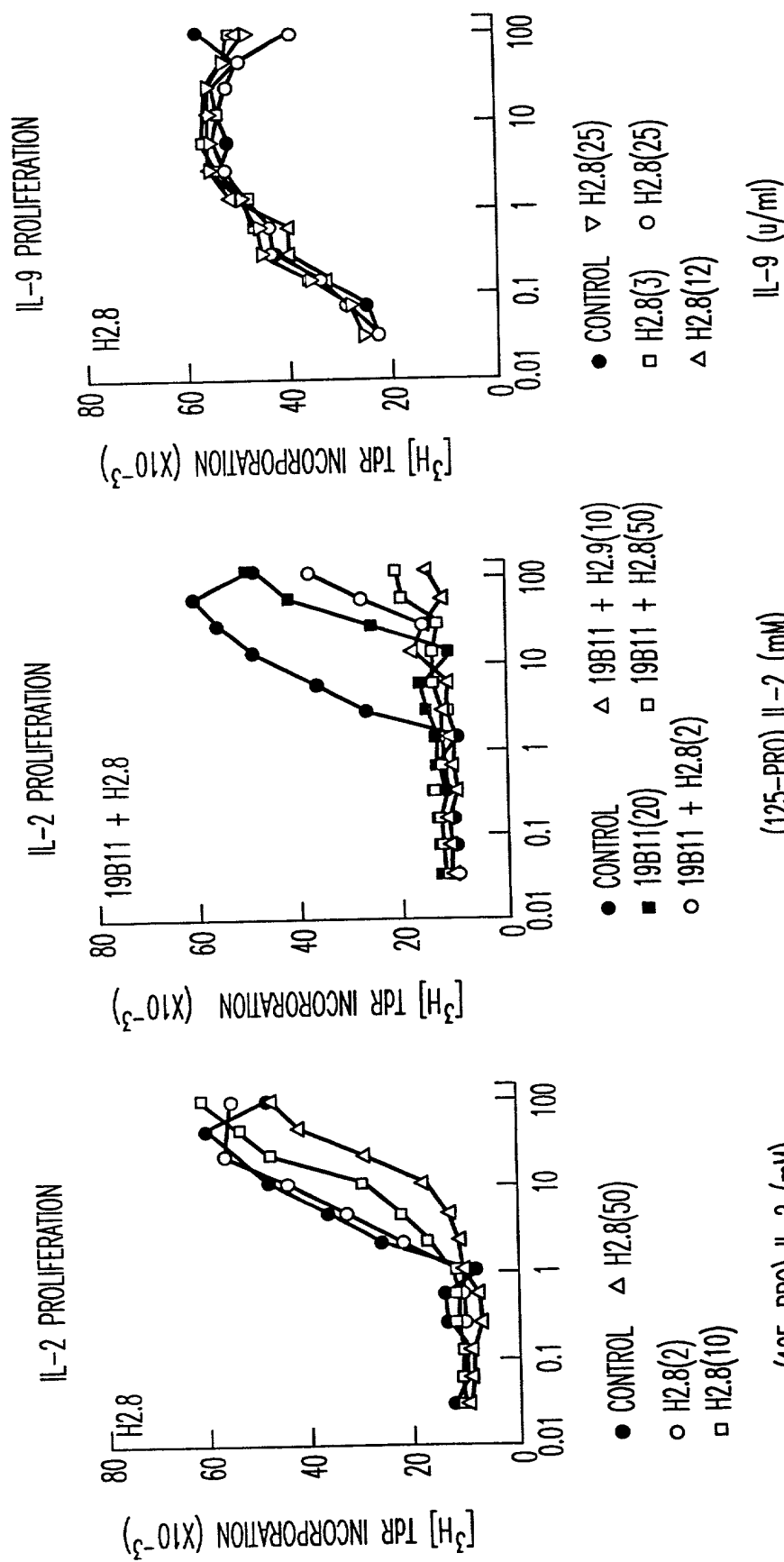


FIG. 4A

(125-PRO) IL-2 (mM)

FIG. 4B

(125-PRO) IL-2 (mM)

FIG. 4C

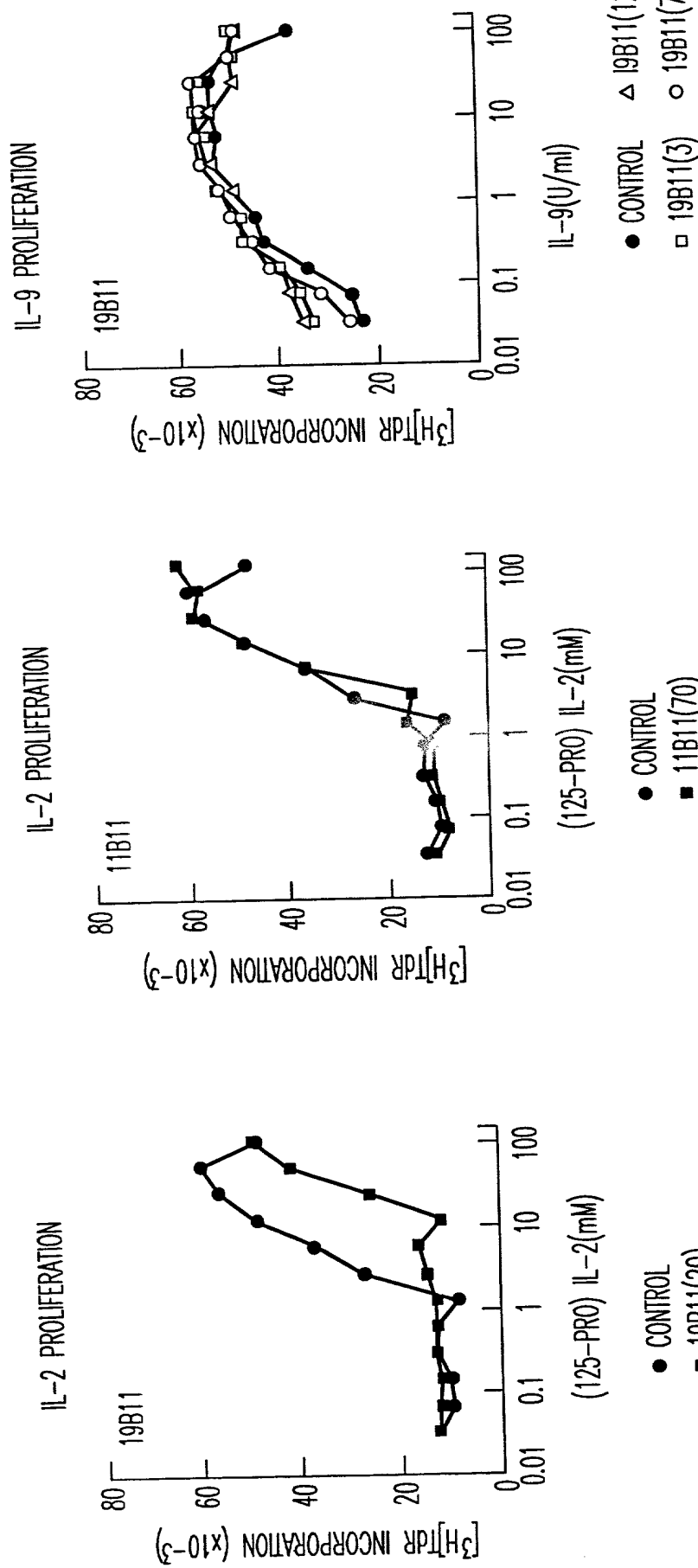


FIG. 4F

FIG. 4E

FIG. 4D

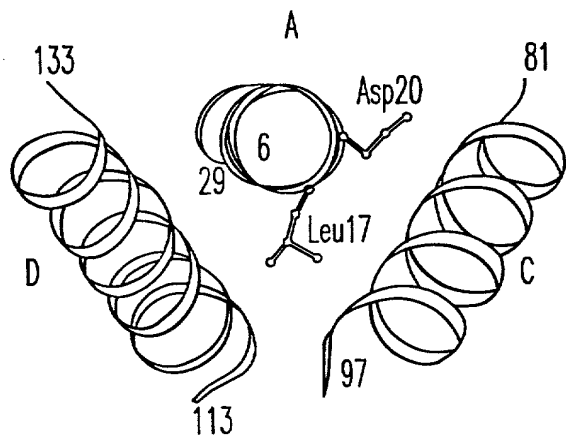


FIG. 5A

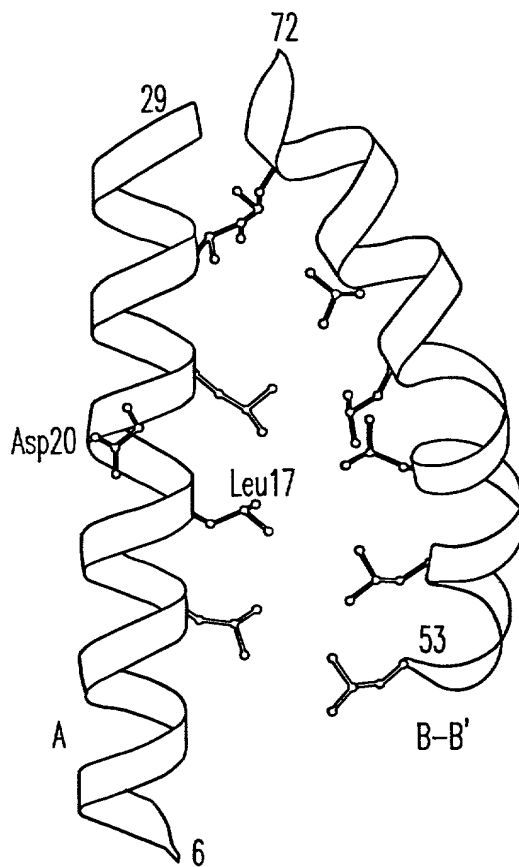
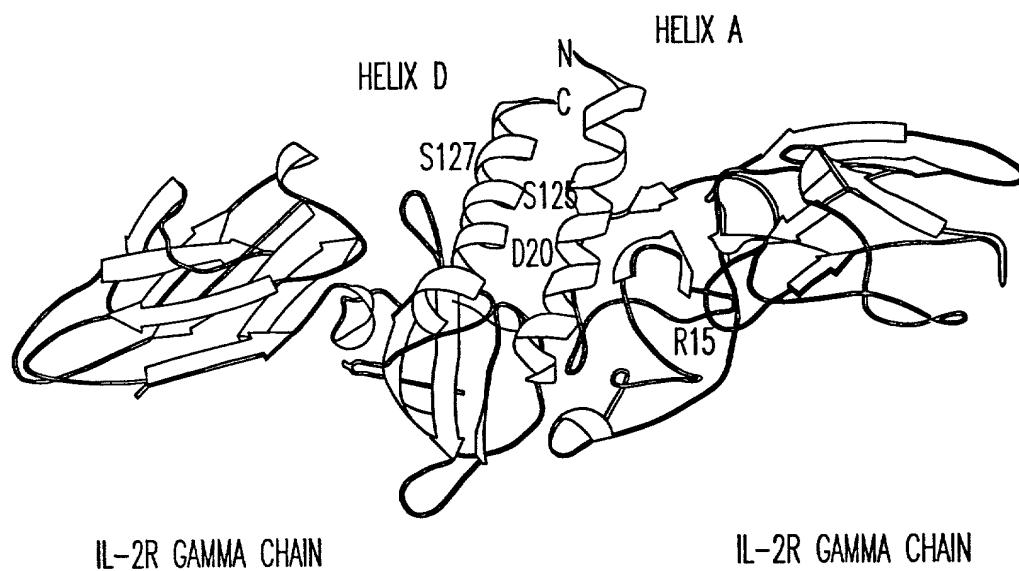


FIG. 5B



IL-2R GAMMA CHAIN

IL-2R GAMMA CHAIN

FIG. 5C

INTERLEUKINE-2 RECEPTOR

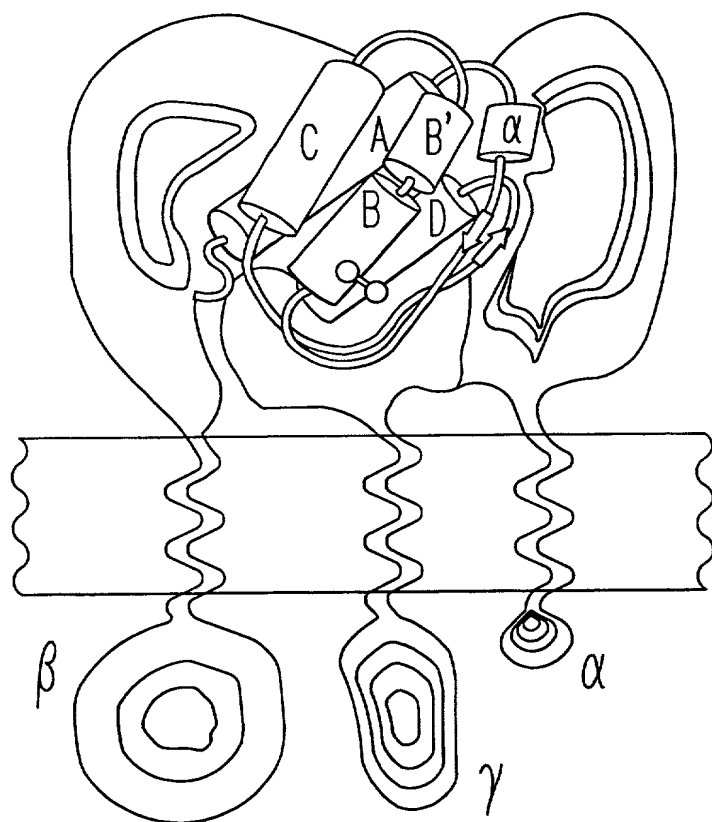


FIG. 6A

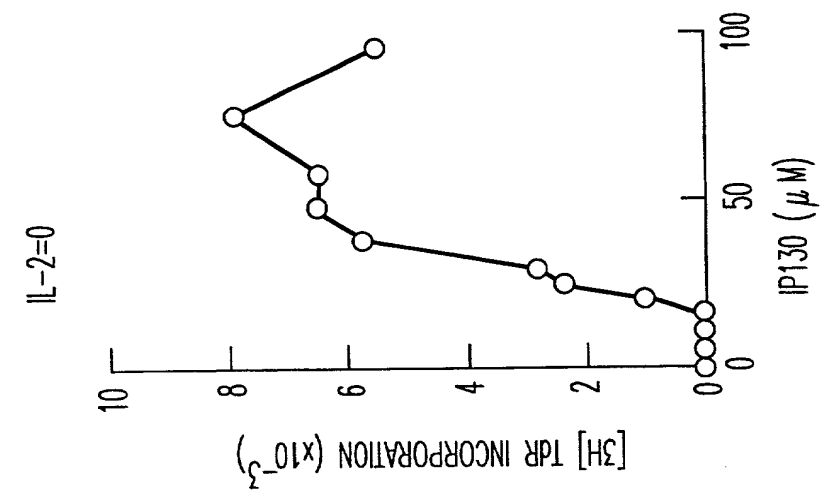


FIG. 7A

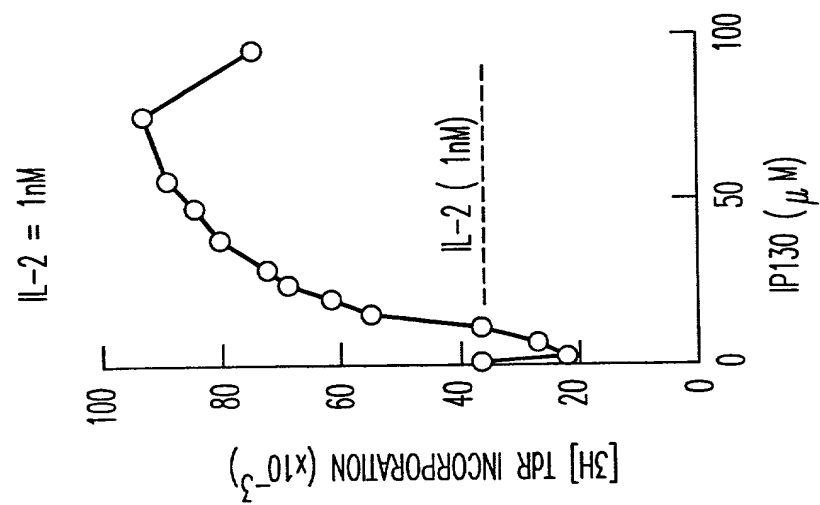


FIG. 7B

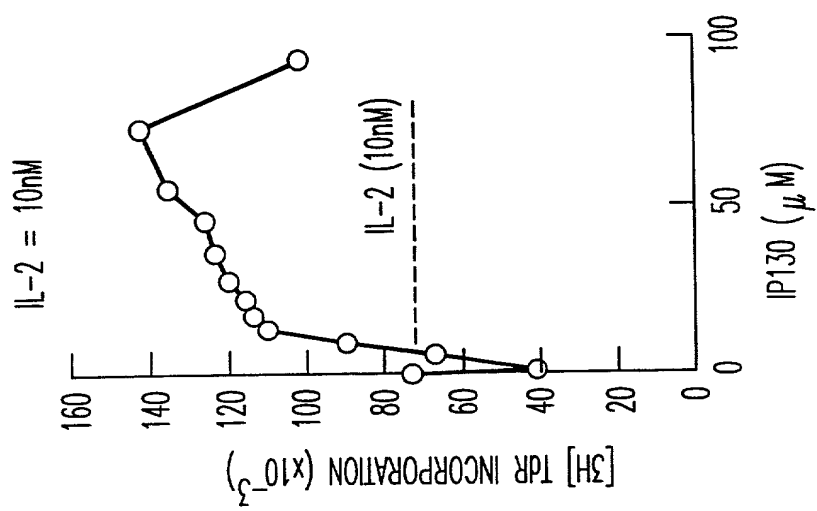
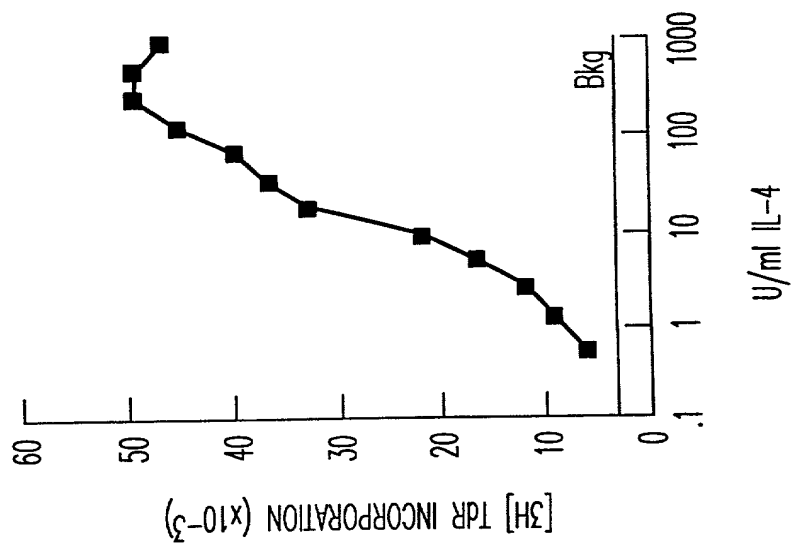
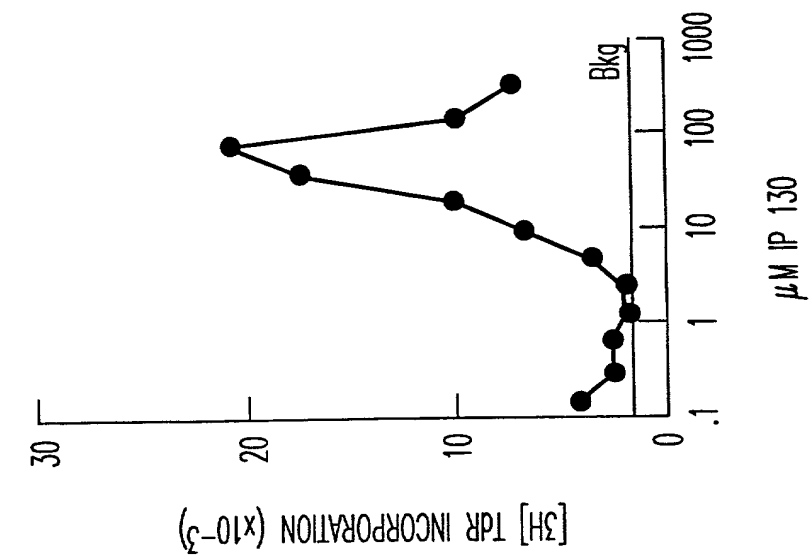


FIG. 7C



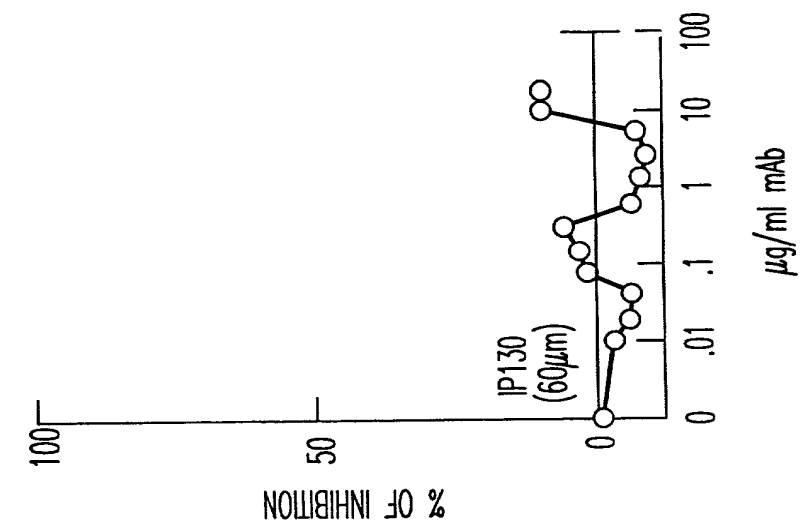


FIG. 8C

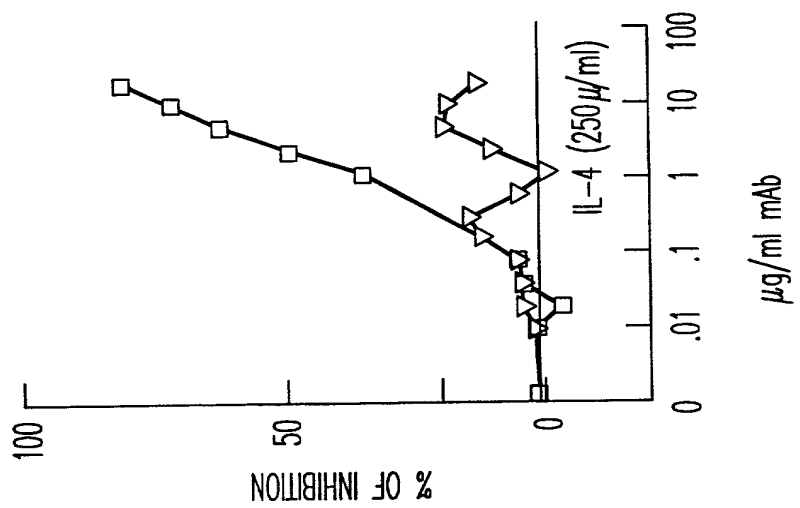


FIG. 8D

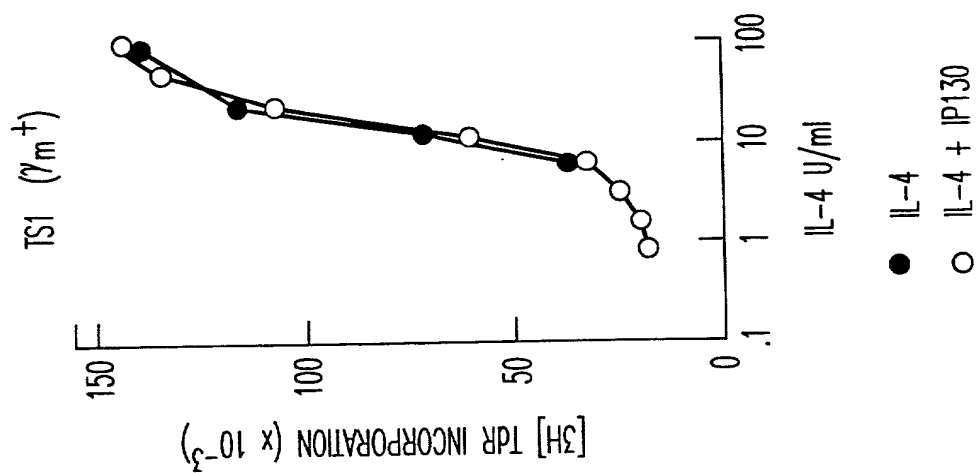


FIG. 9A

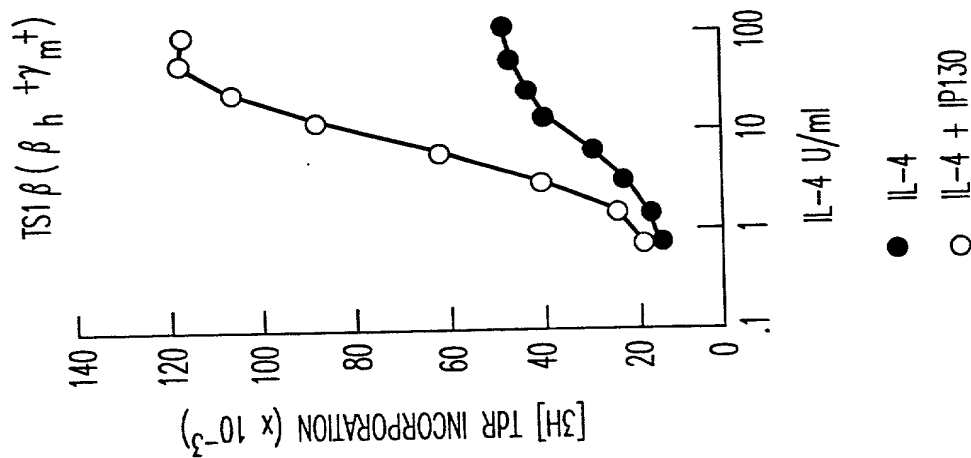


FIG. 9B

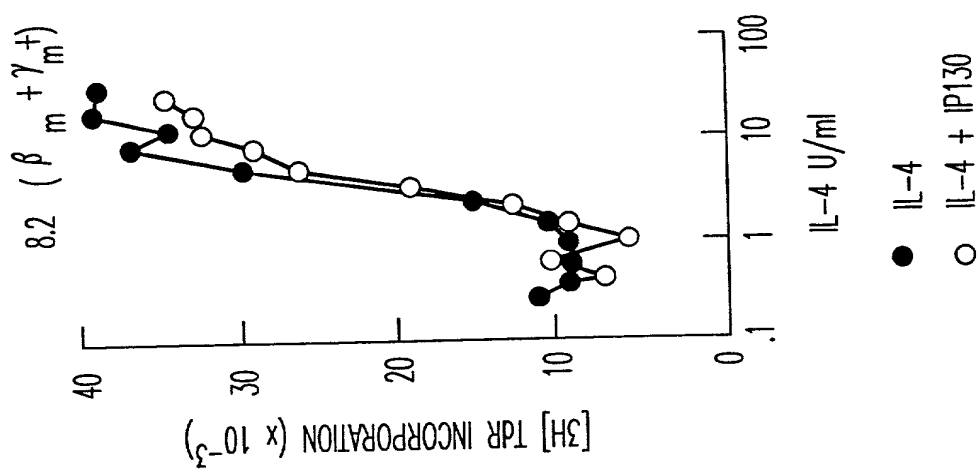
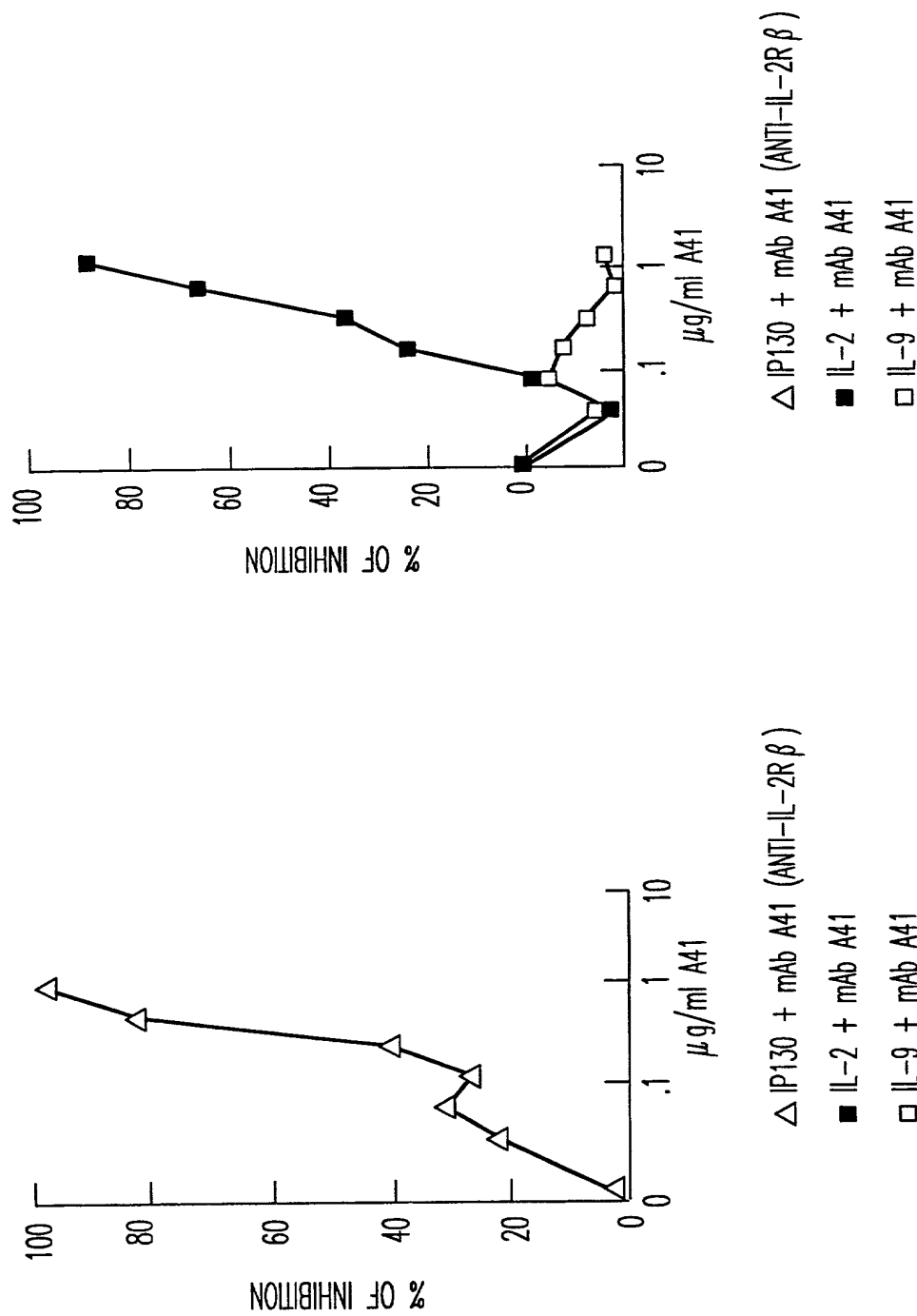
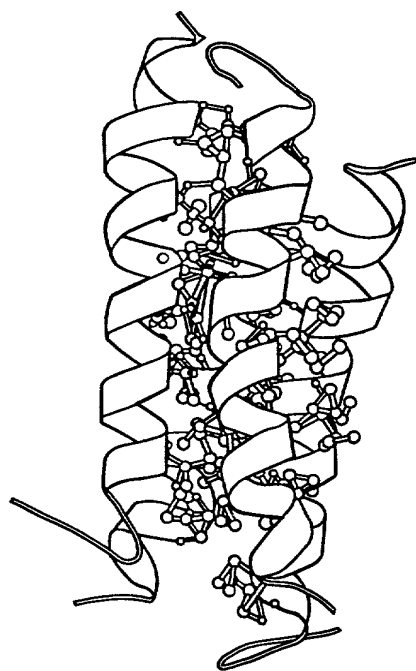


FIG. 9C



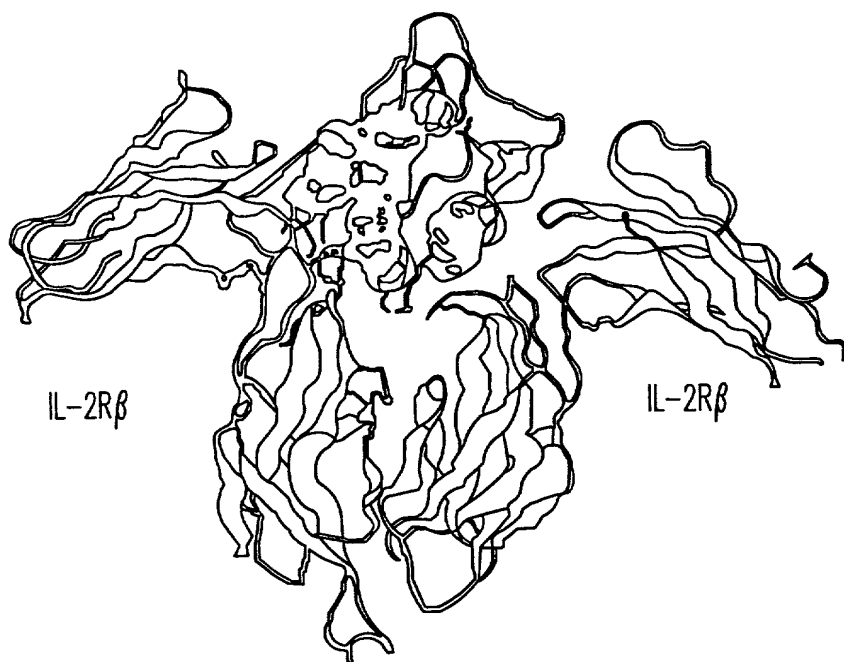
1	10	20	30		% HELIX (CIRCULAR DICHROISM)	MAIN MOLECULAR SPECIES	ACTIVITY
APTTSSSTKTQLQLEHLLDLQMLNGINN							
1				30	50% (150 @ 30 μ M) 35% (4 μ M)	TETRAMER (4M-8M, Kd=30-100 μ M) /OCTAMER	+++
10				30	22% (150 @ 30 μ M)	DIMER (1M-2M, Kd=0.2 μ M) /TETRAMER (2M-4M, Kd=100 μ M)	++
1				22	<2%		-
1				10	0%	DIMER (1M-2M, Kd=50 μ M) (2M-4M, Kd=1.4mM)	-
5				15	0%	DIMER (1M-2M, Kd=113 μ M)	-
10				20	0%	MONOMER	ND
20				20	<5%	MONOMER	+

FIG. 10



IP130

FIG. 11A



IL-2R β

IL-2R β

IP130

FIG. 11B

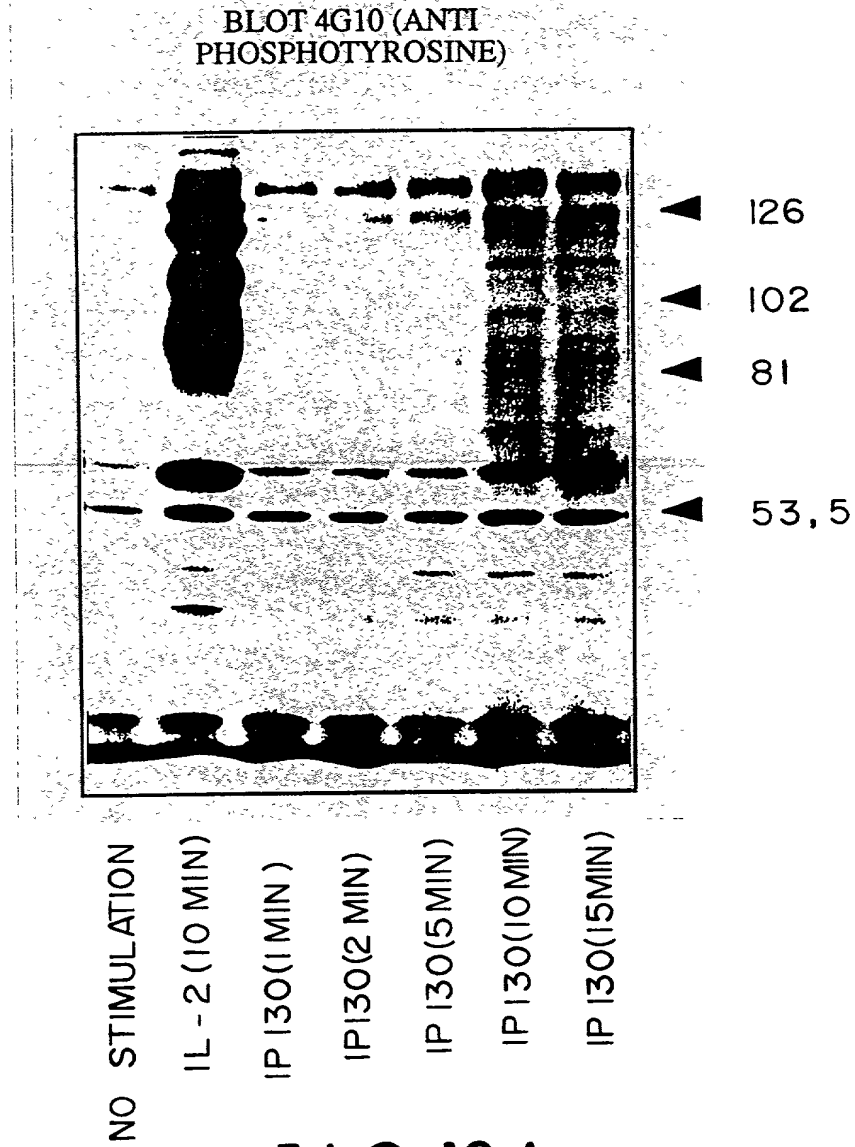


FIG.12A

BLOT ANTI SHC

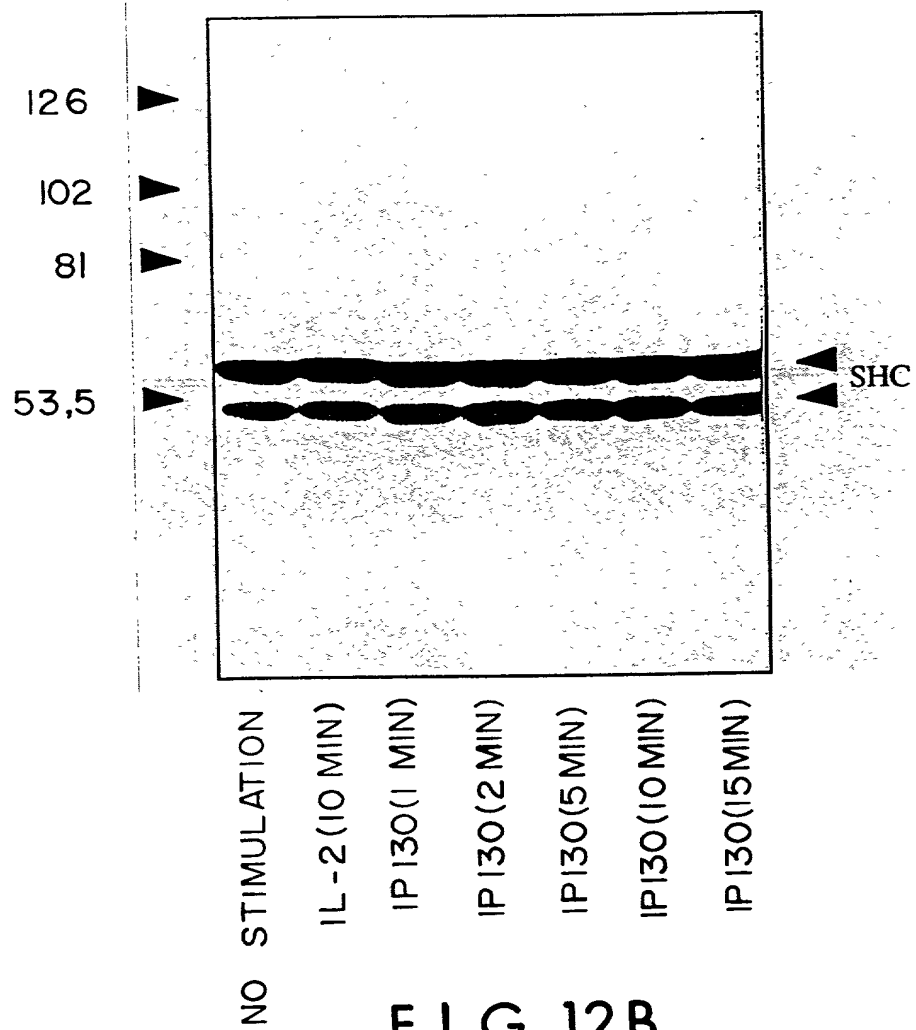


FIG. 12B

▶ ACTIVATED STATs

11-2

IP 130

IL-2+IP130

FIG. 13

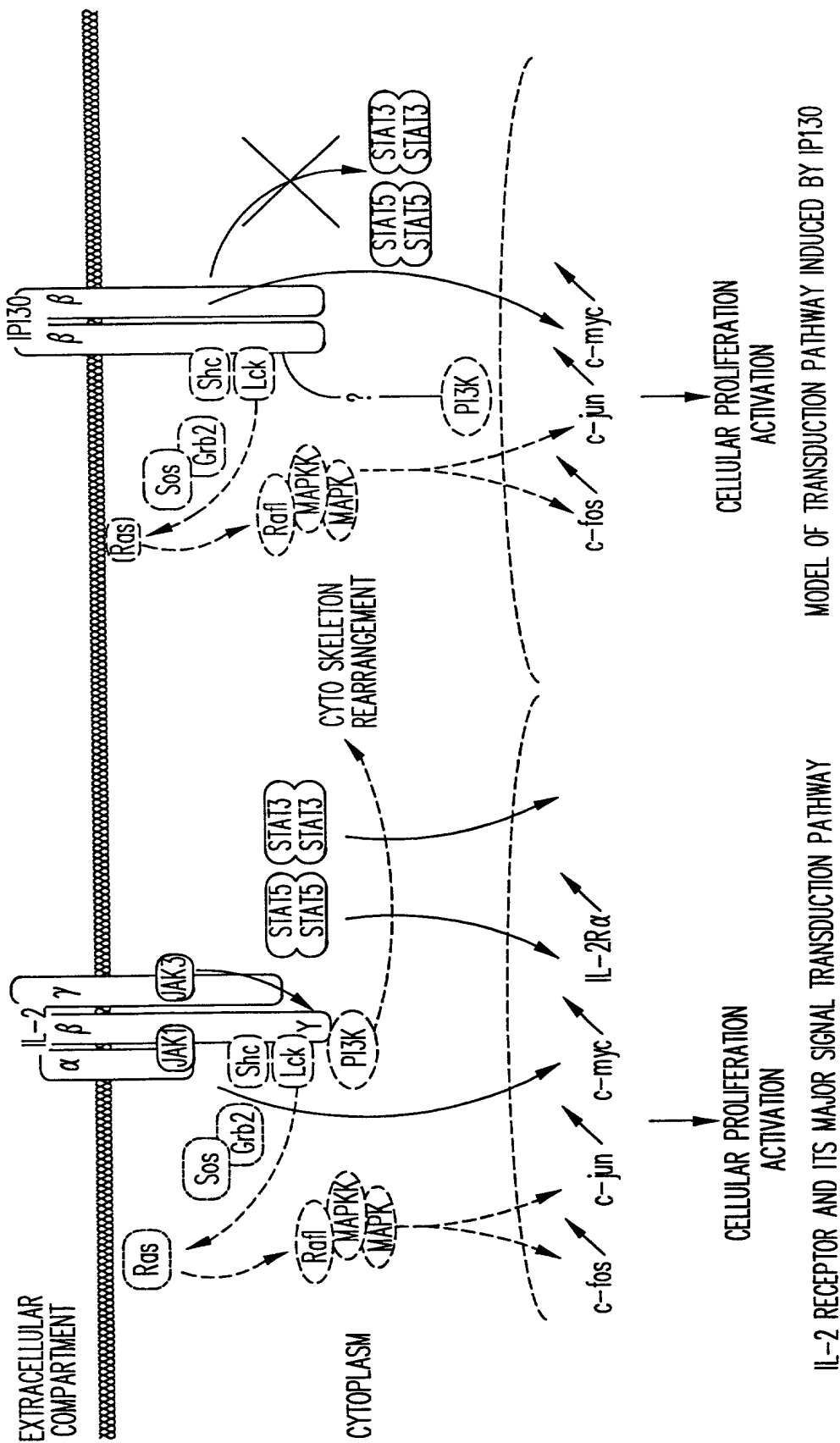


FIG. 14

NK CELLS (CD56⁺) ENTERING IN S+G2/M PHASES AFTER IP130 STIMULATION
(SYNERGY WITH IL-2)

TREATMENT		J31	J32	J33
IL-2 50 nM		14	12	14
	IP130 60 μ M	0	17	≤ 5
	IP130 120 μ M	0	14	< 5
IL-2 50 nM +	IP130 60 μ M	26	21	7
IL-2 50 nM +	IP130 120 μ M	28	28	28

FIG. 15

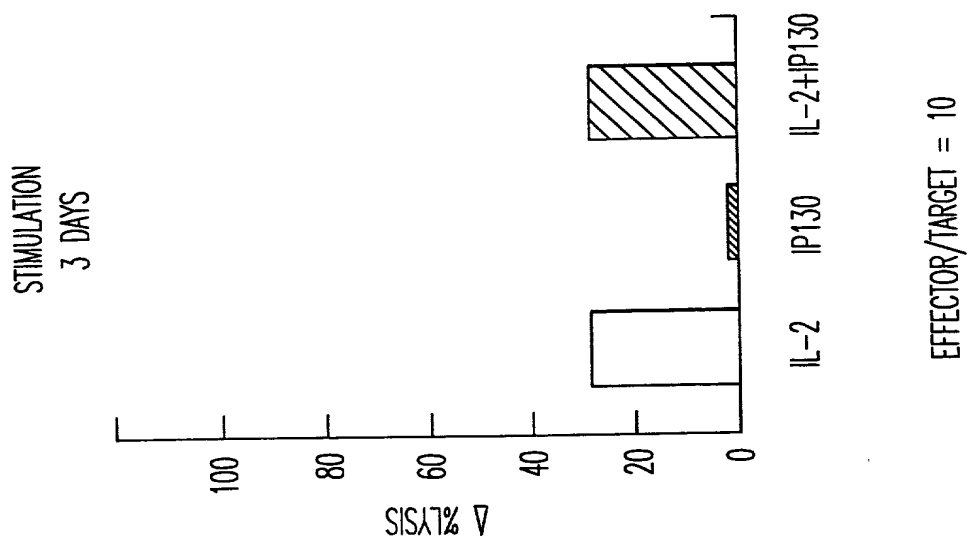


FIG. 16B

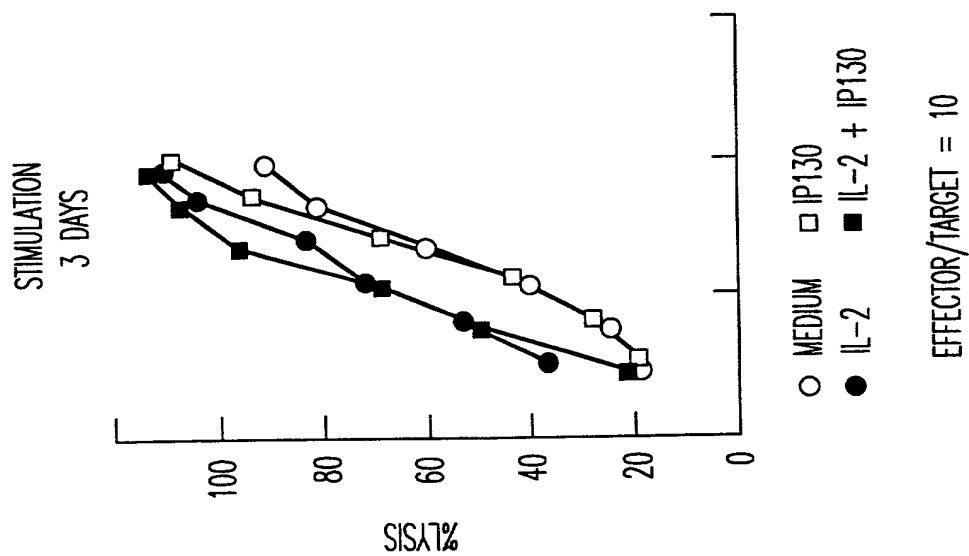


FIG. 16A

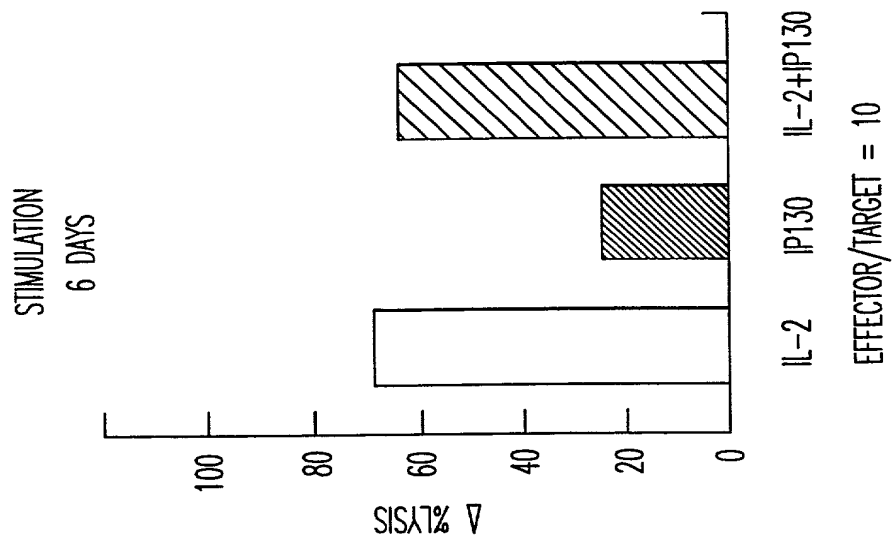


FIG. 16D

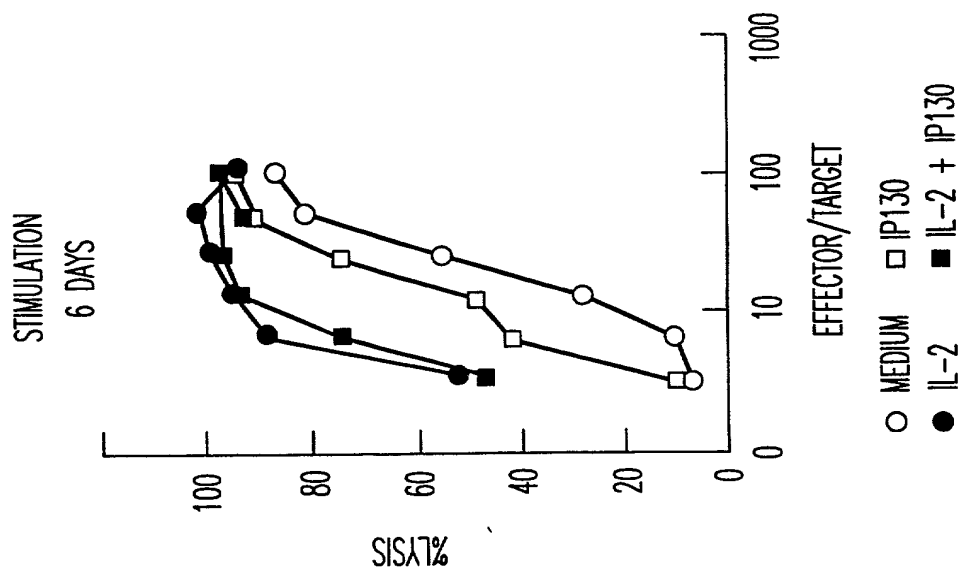


FIG. 16C

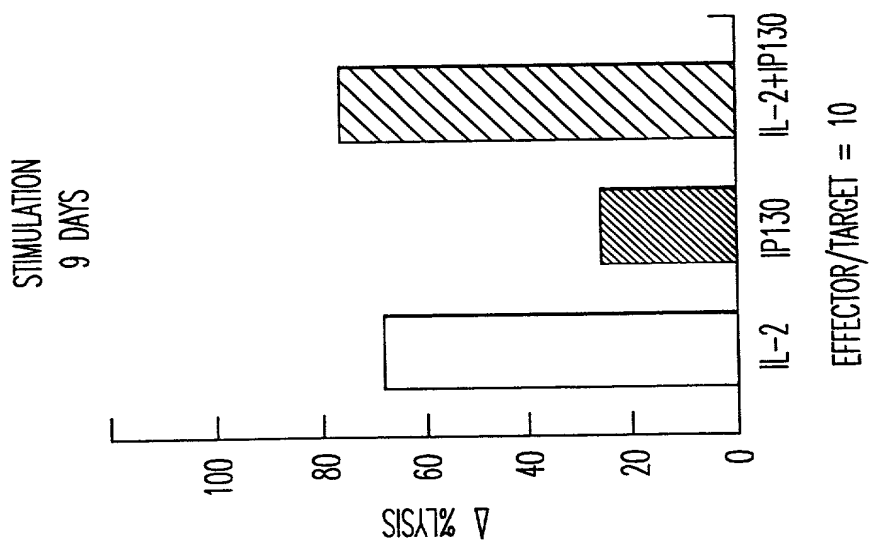


FIG. 16F

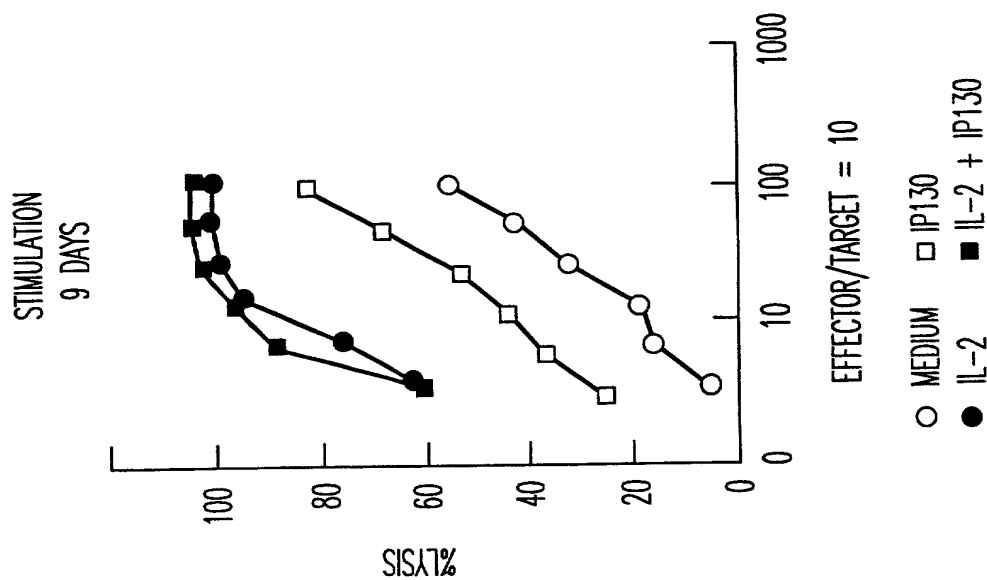


FIG. 16E

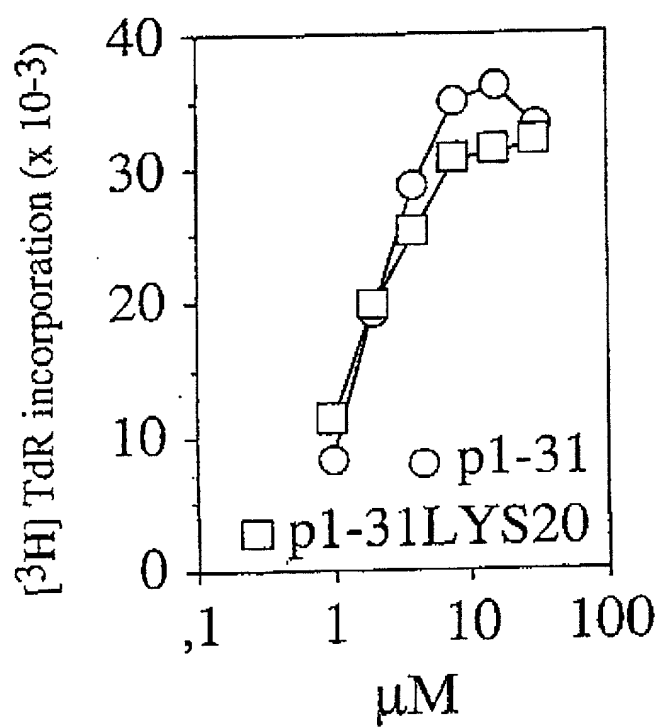


FIGURE 17

100000 12/9/80

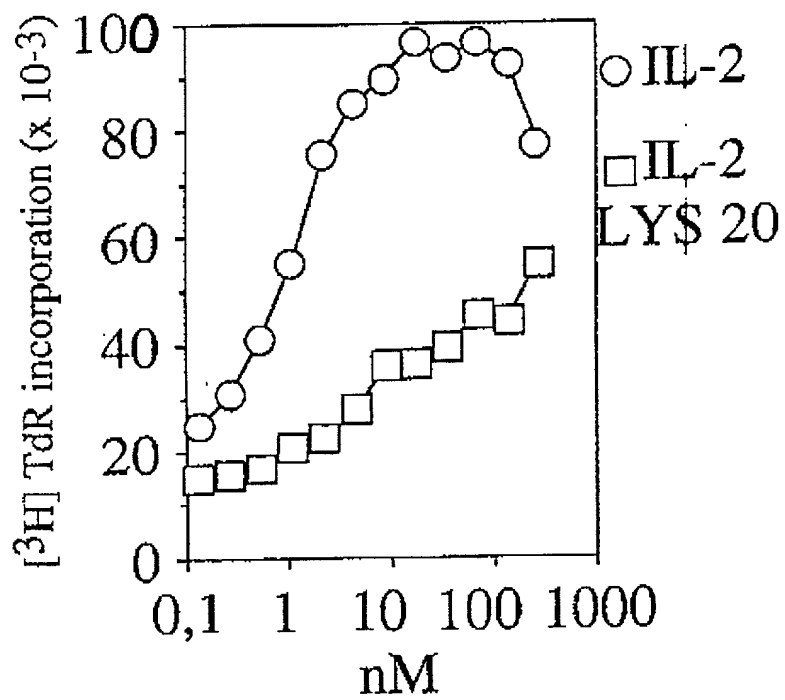


FIGURE 18

7 8 9 10 11 12

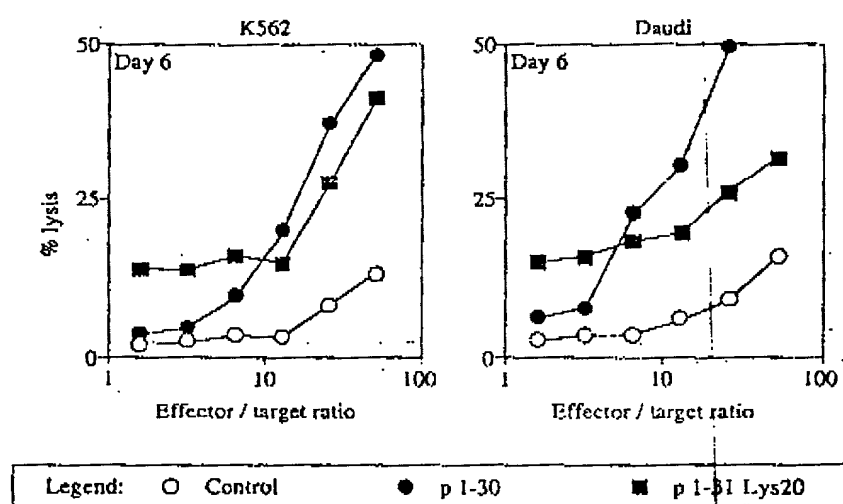


FIGURE 19